AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of implementing a tree of distributed objects in different processes, ~~there being~~ wherein a central directory ~~(Pr0)~~is adapted to store information on objects in a data structure ~~(Tab0)~~ at the root of the tree, ~~characterized in that it includes a step consisting of~~ said method comprising assigning to a father object ~~(A)~~ in a process, for each son object ~~(B)~~:

information corresponding to a physical address ~~(pB)~~ if ~~the~~ a son object is contained in same process, or

information referring back to said central directory if the son object is not contained in the same process.

2. (currently amended): ~~A~~ The method according to claim 1, ~~characterized in that~~ wherein if the central directory ~~(Pr0)~~ receives a request for access to a first object ~~(C)~~ identified by a logical name identifying a logical access path of said first object from the central directory ~~(/A/C)~~, ~~it~~ the central directory searches its data structure for the logical name received in order to send the request directly to said first object or, if said logical name is not in ~~its~~ the central directory, ~~it~~ the central directory searches for a logical name ~~(/A)~~ with the longest character string equal to a first part of the character string of the logical name received, in order to send to

a father object, ~~determined in this way~~ the request relating to the first object, by providing said father object with information ~~(/B)~~ corresponding to the logical access path of the first object relative to the father object.

3. (currently amended): ~~A~~ The method according to claim 2, ~~characterized in that~~ wherein the father object which receives said request sends the request to said first object if it is a son object of its process or returns a message to the central directory.

4. (currently amended): ~~A~~ The method according to claim 1, ~~characterized in that~~ wherein the central directory manages the redundancy of the processes by selecting one of several processes containing the requested object.

A 2

5. (currently amended): ~~A~~ The method according to claim 1, ~~characterized in that~~ wherein if a father object of a process receives a request relating to a son object directly it returns that request to the central directory if said son object is not contained in its process.

6. (currently amended): ~~A~~ The method according to claim 5, wherein the son object ~~being~~ is identified in said request by a logical name defining the logical access path of that object from said father object, ~~characterized in that~~ and wherein said father object returns said request to the central directory with the character string of said logical name preceded by the character string corresponding to its own logical name defining its logical access path from the central directory.

7. (currently amended): ~~A~~ The method according to claim 1, ~~characterized in that~~ wherein the central directory contains at least information relating to each root object of each process.

8. (currently amended): ~~A~~ The method according to claim 1, ~~characterized in that~~ wherein the method ~~it~~ applies to a distributed object environment based on a manager of the CORBA type.

9. (currently amended): ~~A~~ The method according to claim 1, ~~characterized in that it~~ wherein the method applies to a distributed object environment based on a manager of the DCOM type.